四川懸鈎子屬一新種

方　文　培

（四川大學生物系）

奕武懸鈎子(Rubus Yiwuanus Fang) **新種**

灌木高2—3米。枝圓形無刺，無毛或近於無毛。單葉，革質，橢圓形，亞圓形或近於卵圓形，長12—17厘米，寬5—9.5厘米，基部寬楔形或圓形，先端銳尖或成尖尾狀，邊緣具雙鋸齒，齒端尖銳，葉片中部以上具不規則的裂片，表面深綠色無毛，背面被灰色細毛，主脈在表面凹下，在背面凸出，葉柄長2—3厘米，上面成凹溝，下面圓形，無毛，黃褐色。托葉脫落，窄披針形，長4.5—5厘米，近先端部分邊緣具尖銳鋸齒。花的直徑1厘米，着生於長7—8厘米被灰色細毛的頂生圓錐花序及長2.5—3厘米被灰色細毛的腋生圓錐花序；花萼鐘形，被灰色細毛，萼片三角形，長5至7毫米，兩面均被細毛；花瓣白色，倒卵形，先端銳形，基部漸尖，雄蕊多數，直立，花絲基部被絨毛，花梗長5—9毫米，被灰色細毛。果實黃紅色。

產於四川峨眉山石筍溝森林旁邊，灌木高2米，果未成熟時黃色，稀少（作者1951年7月26日採集記錄*20313*號，模式標本存於成都四川大學植物標本館，副模式標本存於北京中國科學院植物分類研究所標本館及重慶西南農學院植物標本館）。峨眉山黑龍江溪邊高3米的灌木極為習見（作者1938年7月27日採集記錄*12566*號）；峨眉山洪椿坪上邊山谷陰處及林邊亦產之（作者1938年7月29日採集記錄*12710*號，1951年8月7日採集記錄20531號）；峨眉山扁担岩林邊產之，但極稀少果紅黃色（作者1951年8月10日採集記錄20787號）；峨眉山茶棚子到九老洞途中林畔產之，亦不很習見（李彩祺同志，1940年7月10日採集記錄*2814*號，作者1941年6月30日採集記錄17114號，1951年8月5日採集記錄20481號）。此外採於峨眉山無詳細地址者尚有汪發纘同志的1931年7月4日採集記錄*23198*號；前中國西部科學院杜大華同志的*451*號，武漢大學周鶴昌同志的*7604*號及中國科學社姚仲吾同志的*4167*號等均屬此種。

此新種的特徵極顯著，如其莖上無刺，橢圓形革質的葉，邊緣具不規則的裂片，窄披針形早脫的托葉及其頂生與腋生被灰色細毛的圓錐花序均易與他種辨別。

此新種命名係從植物分類研究所汪發纘同志的號。

去年在前靜生生物調查所標本中見汪發纘同志採於峨眉山的*23198*號標本，曾經史久莊女士命名為 ***Rubus Wangii*** Shih. 惟此名已被人（麥克福 P. E. Metcalf）用以名黃志 C. Wang 1931年8月10日採自廣東的*31129*號標本。故將此新種名為奕武懸鈎子 ***Rubus Yiwuanus*** 以免混淆。

A NEW SPECIES OF RUBUS FROM SZECHUAN

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Rubus Yiwuanus Fang, sp. nov. Subgenus *Molucani*.

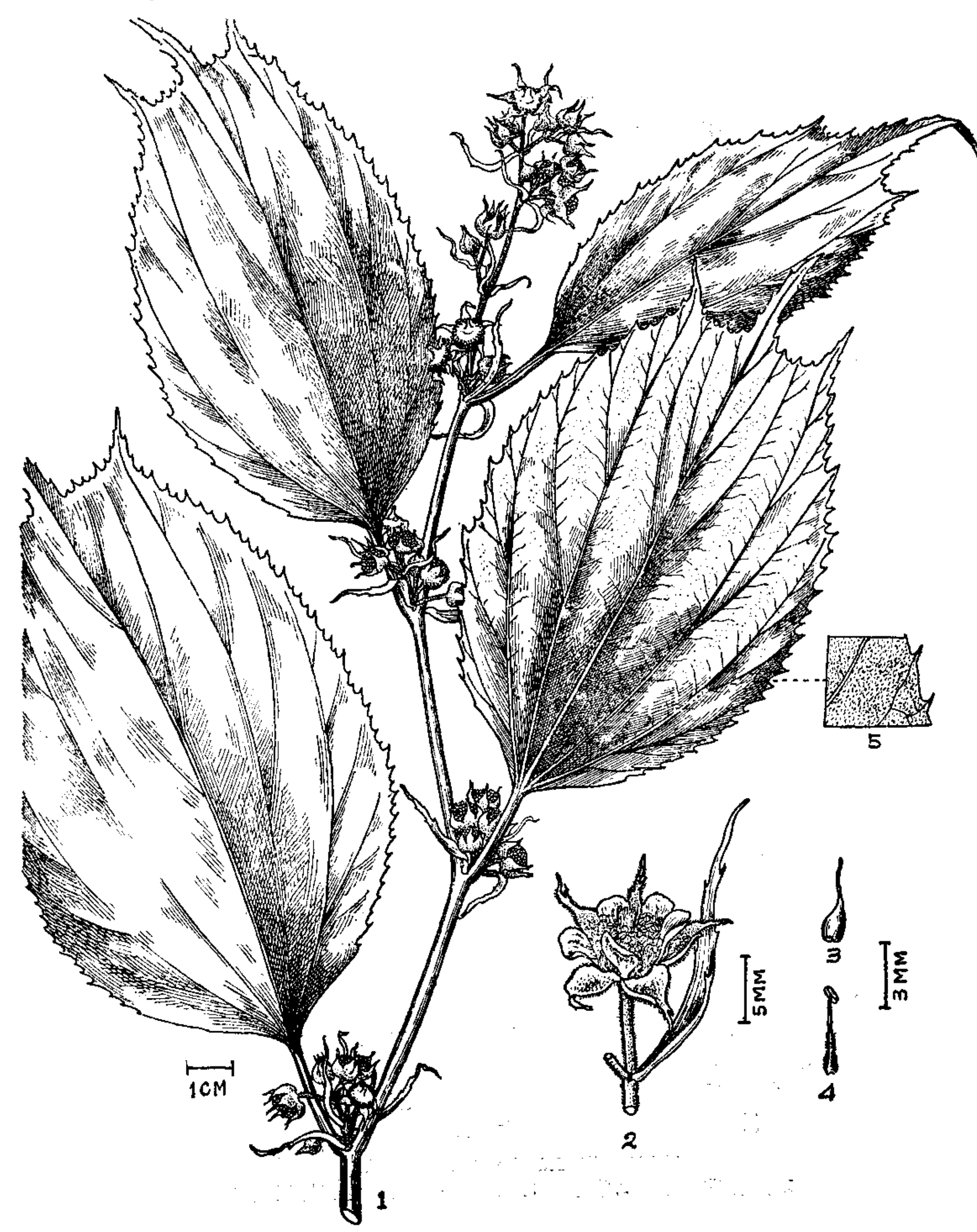
Rubus Wangii Shih in Herb.

Frutex 2-3 m. altus; ramulis inermibus, teretibus, flavobrunnis, glabris Foliis simplicibus, coriaceis, ellipticis, subrotundatis vel ovatis, 12-17 cm. longis, 5-9.5 cm. latis, basi late cunneatis vel rotundatis, apice acuminatis ad caudatis, margine irregulariter serratis, dentibus mucronulatis, irregulariter lobulatis supra medium, supra, viridibus glabris, subtus cinereo-tomentosis, nervis supra impressis subtus prominentis; petiolis 2-3 cm. longis, supra canaliculatis, subtus rotundatis, glabris, flavo-brunneis; stipulis deciduis, lineari-lanceolatis, 4.5-5 cm. longis, apicem versus serratis; floribus 1 cm. diametro in inflorescentis paniculatis terminalibus 7-8 cm. longis, cinereo-tomentosis et paniculatis axillaribus 2.5-3 cm. longis, cinereo-tomentosis; calyce campanulatis, extus et intus cinereo-tomentosis, sepalis triangulis, 5-7 mm. longis; petalis albis obovatis, apice acutis, basi attenuatis; staminibus numerosis, erectis; carpellis numerosis, glabris; pedicelis 5-9 mm. longis, cinereo- tomentosis; fructibus rubro-brunneis.

Szechuan: Shih-sheng-ku, Mount Omei, at the side of forests, shrub 2 metres high, fruit immature, yellow, rare, *W. P. Fang*, July 26, 1951, No. ***20313*** (type in the Herbarium of the National Szechuan University, Chengtu; cotypes in the herbaria of the Institute of Systematic Botany, Peking, and of the Southwestern College of Agriculture, Chungking); Hei-lung-kiang, Mount Omei, by the side of a stream, shrub 3 metres high, leaves deep green above, glaucous below, common, *W. P. Fang*, July 27, 1938, No. ***12566***; near and above Hung-chun-ping, Mount Omei, in shaded and moist valleys, shrub 3 metres high, occasional, *W. P. Fang*, July 29, 1938, No. ***12710***; same locality, at the side of forests, shrub 3 metres high, leaves coriaceous, irregularly lobed, glabrous above, white-tomentose below, flowers white, rare, *W. P. Fang*, August 7, 1951, No. ***20531***; Pian-dan-ai, Mount Omei, at the side of forests, shrub 3 metres high, leaves coriaceous, glabrous above, white-tomentose below, irregularly lobed, fruit reddish-yellow, rare, *W. P. Fang*, August 10, 1951, No. ***20786***; en route from Chia-pong-tze to Chiu-lao-tung, Mount Omei, shrub, 2 metres high, young fruit green, common, *T. C. Lee*, July 14, 1940, No. ***2814***; same locality *W. P. Fang*, June 30, 1941, No. ***17114***; same locality, at the side of forests, shrub 3 metres high, leaves coriaceous, glabrous above, white-tomentose below, rare, *W. P. Fang*, August 5, 1951, No. ***20481***; Mount Omei, without exact locality, side of stream, *F. T. Wang*, July 4, 1931, No. ***23198***; Mount Omei, without exact locality, *T. H. Tu*, No. ***451***; Mount Omei without exact locality, *H. C. Chow*, ***7604***, in 1938; Mount Omei, without exact locality, *C. W. Yao*, ***4167***, in 1939.

This new species is quite distinct and differs from other species in its inermous stems, in its elliptical irregularly lobulate leaves, in its caducous narrow-lanceolate stipules and in its terminal and axillary tomentose paniculate inflorescences.

This new species is named after Professor Yi-wu F. T. Wang, distinguished specialist in Liliaceae and Orchidaceae.



奕武懸鉤子 Rubus Yiwuanus Fang 1. 着花與葉之枝 2. 花(放大) 3. 心皮(放大)
4. 雄蕊(放大) 5. 葉之一部示其背面之毛(放大)